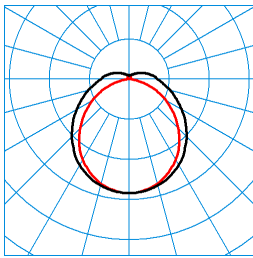**TRILUX**
SIMPLIFY YOUR LIGHT.

Ø 75

min. 1400 - max. 1710

1849

Product features and key data

Luminaire type	Multi-variable and modern tube luminaire with 75 mm profile diameter.
Mounting method	Surface-mounting|Suspension
Luminaire optic	Opal cylindrical profile with photometrically effective prismatic structure as secondary optic.
Connected load	78 W
Power factor	0,95
Colour temperature	3.000 K
Rated luminous flux	12.500 lm
Luminous efficacy	160 lm/W
Interchangeability lightsource	Yes - interchangeable
Service life	L80 (25 °C) = 70.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL7026 Granite grey
Luminaire body	Luminaire profile made of polycarbonate (PC).
Electrical version	With electronic transformer, switchable.
Connection method	Plug-in terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Ingress Protection (IP) rating	IP66
Protection rating on room side	IP66
Protection class	I
Impact resistance (IK)	IK10
Hot wire resistance	850 °C
Ambient temperature	-30 - 35 °C
Max. Luminaires B10	18
Max. Luminaires B16	30
Max. Luminaires C10	31
Max. Luminaires C16	51
Net length	1.849 mm
Net width	75 mm
Net height	75 mm
Outside diameter	75 mm
Weight	3,4 kg

light distribution curve

TugraHE 18 PL 125-830 ET PC C2
TX306359

UGR l = 23,9
UGR q = 25,7
DIN 5040: B30
UTE: 0,88 G + 0,12 T
CEN Flux Code: 43 72 90 88 100 14 31 58 12

■ C0 - C180
■ C90 - C270

Available accessories

	Material	Description
	Tugra ZLV/315/18 8117200	Through-wiring, 3-core. For luminaires from seriesTugra 18... .
	Tugra ZLV/515/18 8117300	Through-wiring, 5-core. For luminaires from seriesTugra 18... .
	Tugra ZLV/715/18 8117400	Through-wiring, 7-core. For luminaires from seriesTugra 18... .
	Tugra KS 58 PC 01 Set 8088800	End caps of PC. For replacement or exchange. Colour white.
	Tugra KS 58 PC C2 Set 8088900	End caps of PC. For replacement or exchange. Colour: anthracite.
	Tugra KS 58 PC 05 Set 8089000	End caps of PC. For replacement or exchange. Colour black.
	Tugra LME HFS ET 130 PC 01 8089600	Smart module for single luminaire applications. Colour white.
	Tugra LME HFS ET 130 PC C2 8089700	Smart module for single luminaire applications. Colour: anthracite.
	Tugra LME HFS ET 130 PC 05 8089800	Smart module for single luminaire applications. Colour black.
	Tugra LME HFS ETDD 130 PC 01 8090400	Smart module for single luminaire applications. Colour white.
	Tugra LME HFS ETDD 130 PC C2 8090500	Smart module for single luminaire applications. Colour: anthracite.
	Tugra LME HFS ETDD 130 PC 05 8090600	Smart module for single luminaire applications. Colour black.
	Tugra LME DMR 130 PC 01 8091600	Smart module for single luminaire applications. Colour white.
	Tugra LME DMR 130 PC C2 8091700	Smart module for single luminaire applications. Colour: anthracite.
	Tugra LME DMR 130 PC 05 8091800	Smart module for single luminaire applications. Colour black.

	Tugra LME DMM 130 PC 01 8092400	Smart module for single luminaire applications. Colour white.
	Tugra LME DMM 130 PC C2 8092500	Smart module for single luminaire applications. Colour: anthracite.
	Tugra LME DMM 130 PC 05 8092600	Smart module for single luminaire applications. Colour black.
	Tugra LME Beacon 130 PC 01 8093200	Smart module beacon for single luminaire application and continuous line ends. Colour white.
	Tugra LME Beacon 130 PC C2 8093300	Smart module beacon for single luminaire application and continuous line ends. Colour: anthracite.
	Tugra LME Beacon 130 PC 05 8093400	Smart module beacon for single luminaire application and continuous line ends. Colour black.
	Tugra LME MP 260 01 8093900	Universal mounting plates made of sheet steel. powder-coated white, similar to RAL 9016
	Tugra LME MP 260 8094000	Universal mounting plates made of sheet steel.
	Tugra LMB 165 PC 01 8094200	PC coupler long. Colour white (RAL 9016).
	Tugra LMB 165 PC C2 8094300	PC coupler long. Colour: anthracite.(RAL 7026).
	Tugra LMB 165 PC 05 8094400	PC coupler long. Colour black (RAL 9005).
	Tugra LMB HFS ET 165 PC 01 8095000	Smart module for continuous row applications. Colour white.
	Tugra LMB HFS ET 165 PC C2 8095100	Smart module for continuous row applications. Colour: anthracite.
	Tugra LMB HFS ET 165 PC 05 8095200	Smart module for continuous row applications. Colour black.
	Tugra LMB HFS ETDD 165 PC 01 8095800	Smart module for continuous row applications. Colour white.
	Tugra LMB HFS ETDD 165 PC C2 8095900	Smart module for continuous row applications. Colour: anthracite.
	Tugra LMB HFS ETDD 165 PC 05 8096000	Smart module for continuous row applications. Colour black.
	Tugra LMB DMR 165 PC 01 8096600	Smart module for continuous row applications Colour white.
	Tugra LMB DMR 165 PC C2 8096700	Smart module for continuous row applications Colour: anthracite.
	Tugra LMB DMR 165 PC 05 8096800	Smart module for continuous row applications Colour black.

	Tugra LMB DMM 165 PC 01 8097400	Smart module for continuous row applications Colour white.
	Tugra LMB DMM 165 PC C2 8097500	Smart module for continuous row applications Colour: anthracite.
	Tugra LMB DMM 165 PC 05 8097600	Smart module for continuous row applications Colour black.
	Tugra LMB Beacon 165 PC 01 8098200	Smart module beacon for continuous line applications. Colour white.
	Tugra LMB Beacon 165 PC C2 8098300	Smart module beacon for continuous line applications. Colour: anthracite.
	Tugra LMB Beacon 165 PC 05 8098400	Smart module beacon for continuous line applications. Colour black.
	Tugra BLP 322 PL PC 8098900	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 322 mm, Width 75 mm, height 75 mm.
	Tugra BLP 603 PL PC 8099300	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 603 mm, Width 75 mm, height 75 mm.
	Tugra BLP 1165 PL PC 8100100	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 1165 mm, Width 75 mm, height 75 mm.
	Tugra BLP 1446 PL PC 8100500	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 1446 mm, Width 75 mm, height 75 mm.
	Tugra BLP 1727 PL PC 8100900	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 1727 mm, Width 75 mm, height 75 mm.
	Tugra BLP 2008 PL PC 8101300	Blank module for continuous line applications. Made of impact-resistant PC, opal. Length 2008 mm, Width 75 mm, height 75 mm.
	Tugra ZLK PC 01 8101800	PC coupler short. Colour white (RAL 9016).
	Tugra ZLK PC C2 8101900	PC coupler short. Colour: anthracite.(RAL 7026).
	Tugra ZLK PC 05 8102000	PC coupler short. Colour black (RAL 9005).
	Tugra ZSDT/2000 8117800	Wire suspension for luminaires of series Tugra. With decorative ceiling connection. With metal clamp for use of triangle.
	Tugra ZSDD/2000 8117900	Wire suspension for luminaires of series Tugra. With decorative ceiling connection. With threaded sleeve for attachment to mounting clip.
	Tugra ZSSD/2000 8118000	Wire suspension for luminaires of series Tugra. With loop for ceiling suspension. With threaded sleeve for attachment to mounting clip.
	Tugra ZBRS 8118100	Tube clip for wall and ceiling mounting and also suitable for suspended mounting by means of separate accessories. Length 125 mm, Width 25 mm, height 90 mm.
	Tugra ZBWM 8118200	Pivotable mounting brackets for wall mounting. Length 76 mm, Width 87 mm, height 108 mm.

	Tugra ZB V2A 8118300	Standard stainless steel mounting clips (2 pieces, V2A) for wall and ceiling fixing with triangle for holding components for suspended mounting.
	Tugra ZB V4A 8118400	Stainless steel mounting clips (2 pieces, V4A) for wall and ceiling fixing with triangle for holding components for suspended mounting. Length 47,5 mm, Width 30 mm, height 23 mm.
	Tugra ZBATL 8118500	Disassembly protection for horizontal wall mounting. Length 60,5 mm, Width 40,4 mm, height 20 mm.
	Tugra ZSST/2000 8118900	Wire suspension for luminaires of series Tugra. With loop for ceiling suspension. With metal clamp for use of triangle.

Offer text

Multi-variable and modern tube luminaire with 75 mm profile diameter. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies (DIN 10500). With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24. For wall and ceiling mounting. Standard stainless steel mounting clips (2 pieces, V2A) with triangle included in the scope of supply. Optional accessories enable further mounting concepts. As single luminaire or for continuous line use. The continuous mounting channel of the luminaire body enables very high flexibility in positioning the fixing points. The packaging is made of recyclable cardboard, plastic-free. Multiple packaging with 28 luminaires as well as project packaging with 108 luminaires per packaging unit further reduce the general consumption of resources in the overall process. Opal cylindrical profile with photometrically effective prismatic structure as secondary optic. With Lambertian light intensity distribution. With mainly direct light distribution. With slight indirect component for surface illumination. Luminaire luminous flux 12500 lm, connected load 78,00 W, luminous efficiency of luminaire 160 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) R $_a$ > 80. Mean rated service life L80(t $_q$ 25 °C) = 70,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire profile made of polycarbonate (PC). End cap colour anthracite, (RAL 7026). End cap made of thermoplastically fused PC / TPE with high-quality, matt surface structure and surface finish according to VDI30. The end cap is equipped with 3 self-sealing membranes for cable cross-sections 7 mm - 13 mm as well as 3 pre-stamped feed points for PG cable glands (M20/M25) for protection rating-compliant infeed (IP66). The end cap is connected to the profile cylinder via a bayonet lock. Standard end caps included. Luminaire length 1849 mm, Luminaire height 75 mm, Ø Luminaire body 75 mm. The gear tray is fixed to the luminaire profile with transparent devices to avoid shadowing. Permissible ambient temperature (ta) -30 °C - 35 °C. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK10, testing temperature of wire glow test in accordance with IEC 60695-2-11: 850 °C. Weight: 3,4 kg. The connection is made by means of a plug-in terminal with mains forwarding equipment. The barrier free cable duct inside the luminaire profile facilitates the insertion of optional through-wiring or alternative uses, e.g. installing network cables. With electronic transformer, switchable. The ENEC certification by an independent testing laboratory is in preparation. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

EPREL ID

D: 85400972-00